

1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street Artesia, NM 88210-1404  
District III  
1000 Rio Brazos Rd, Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
PO Box 2088  
Santa Fe, NM 87504-2088

Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Mack Energy Corporation P.O. Box 960 Artesia, NM 88211-0960		OGRID Number 013837 API Number 30-015-32060
Property Code 016394	Property Name State S-19	Well No. 20

Surface Location

UL or lot no. ✓	Section 19	Township 17S	Range 29E	Lot Idn	Feet from the 990	North/South line South	Feet from the 330	East/West line West	County Eddy
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Lot 4

Proposed Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Proposed Pool 1 Empire Yeso 96210					Proposed Pool 2				

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3660
Multiple No	Proposed Depth 4350'	Formation Paddock	Contractor LaRue	Spud Date 10/10/01

Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4	8 5/8	24	325	Circ	Surface
7 7/8	5 1/2	17	4350	Sufficient to Circ	

Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Mack Energy Corporation proposes to drill to 325', run 8 5/8" casing and cement. Drill to 4350" and test Paddock Zone, run 5 1/2" casing and cement. Put well on production.

Note: On Production string, a fluid caliber will be run, will figure cement, with 25% excess, attempt to circulate.

NSP - 1851

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature Crissa D. Carter		OIL CONSERVATION DIVISION Approval by ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR	
Printed name: Crissa D. Carter		Title:	
Title: Production Analyst		Approval Date: OCT 18 2001	Expiration Date: OCT 18 2002
Date: 9/10/01	Phone: (505)748-1288	Conditions of Approval: Attached <input type="checkbox"/>	

*Journal of Management Education* 30(6)p.789-804  
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